

Fig. 2. Detection of β -1,3-glucanase in the inoculation fluid recovered from lily leaves.

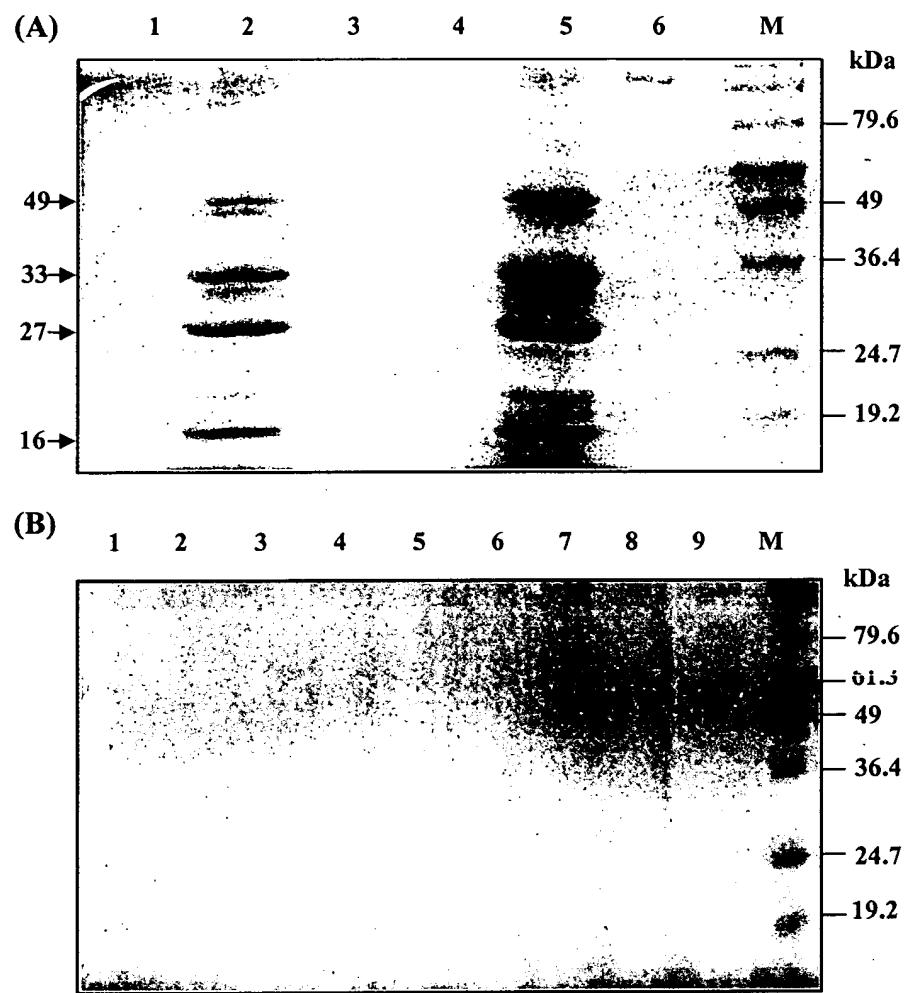


Fig. 1. shows the protein patterns of the inoculation fluids of *Botrytis* spp. recovered from lily leaves and flowers.

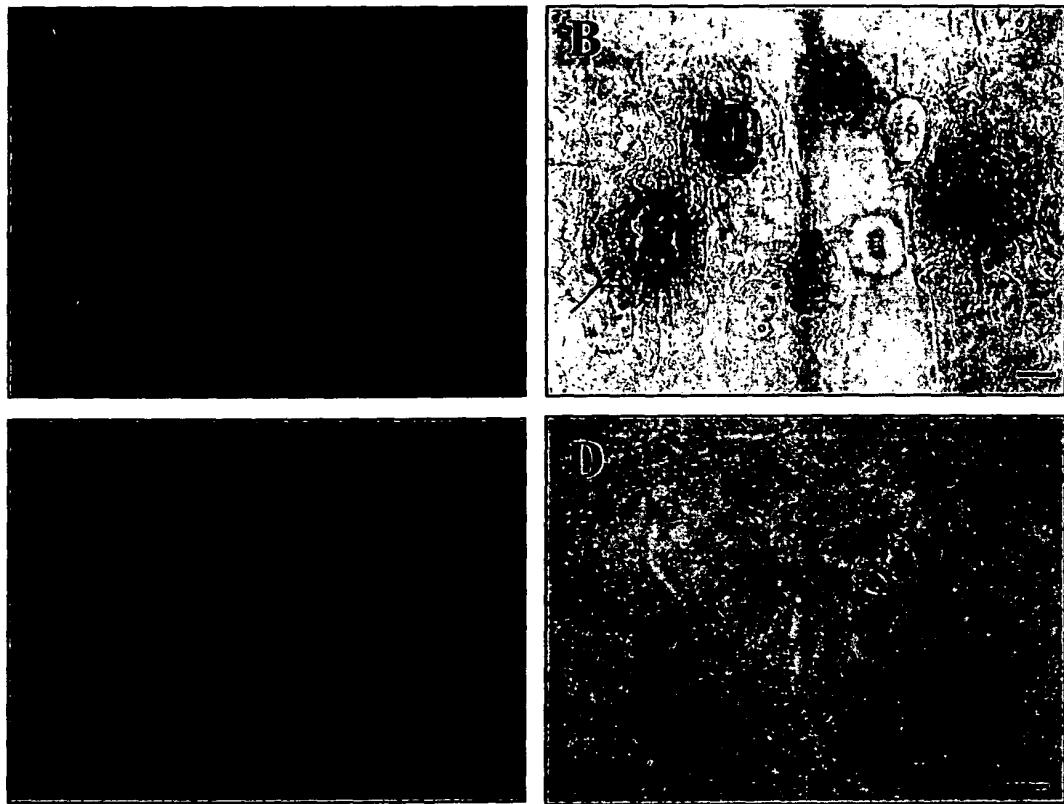


Fig. 6. Comparison of the infection of lily leaves and flowers by *B. elliptica*.

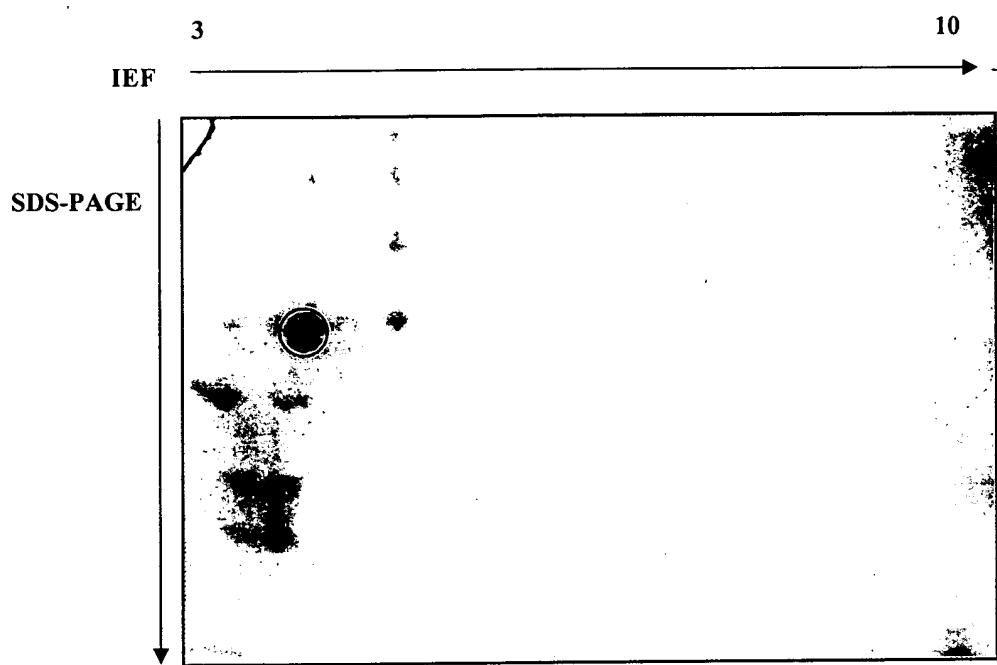


Fig. 3. The 2D-electrophoresis analysis of the inoculation fluid of *B. elliptica* recovered from lily leaves.

| | | | | | |
|------|---------------------|---------------------|------------|-------------|------|
| -3 | TTC <u>ATG</u> GCAG | CTCAGCACAT | CATCTCCATG | GCTGCCATGG | 37 |
| 38 | CATCCCTCCT | TGTAGTACTC | TCGGCAATCC | CGAGAGGCGT | 77 |
| 78 | GGAATCCATT | GGGGTCTGCA | ATGGAATGGA | CGGTGACAAC | 117 |
| 118 | CTCCCCCAGC | CCGCCGACGT | CGTCAACCTC | TACAAGTCCA | 157 |
| 158 | ACAACATAGC | TGGCATGCGA | CTCTACAGCC | CCGACCAAGC | 197 |
| 198 | CACTCTCCAG | GCCCTCCAGG | GCTCTAACAT | CTACCTCATC | 237 |
| 238 | CTCGACGTCC | CCAACTCCGA | CCTCCAAAAC | ATTGCCTCCG | 277 |
| 278 | ACCAATCCGC | CGCCACCAAC | TGGGTCCAAA | CCAACGTCCA | 317 |
| 318 | AGCCTACCCA | AACGTTGCCT | TCCGATACAT | CGCCGTCGGA | 357 |
| 358 | AACGAAGTCA | TCCCCGGCGG | CCAAGCTCAG | TACGTCCCTCC | 397 |
| 398 | CAGCCATGAA | CAACATACAG | TCCGCCCTCT | CCTCTGCCGG | 437 |
| 438 | CCTTCAGAAC | ATCAAGGTCT | CCACATCAGT | CTCCTTCGGC | 477 |
| 478 | GTCGTCGGTA | CCTCATATCC | CCCCTCAGCT | GGCTCCTTCT | 517 |
| 518 | CTTCCGATGC | ATCGTCGACA | TTGGGTCCAA | TCATACAGTT | 557 |
| 558 | TCTAGCCAGC | AATGGCTCCC | CATTACTTGC | CAACATCTAC | 597 |
| 598 | CCCTACTTGA | GCTATGCTGG | CAAATCCGGA | TCCATCGACC | 637 |
| 638 | TCTCATACGC | CCTCTTTACT | GCATCTGGTA | CAGTCGTACA | 677 |
| 678 | GGACGGGTCC | TACGCTTACA | ACAACCTCTT | CGATGCCATG | 717 |
| 718 | GTCGACGCAT | TGTACTCGGC | CCTGGAGAGC | GCCGGAGGGC | 757 |
| 758 | CGAATGTCCC | TGTTGTCGTG | TCGGAGAGTG | GCTGGCCGTC | 797 |
| 798 | AGCGGGCGGG | ACAGCGGCGA | CGGTGTCTAA | TGCGCAGACT | 837 |
| 838 | TACAATTCCA | ATTTGATCAA | CCATGTGGGT | CAGGGGACGC | 877 |
| 878 | CGAAGAGGCC | AGGGCGATT | GAGACCTACA | TATTTGCCAT | 917 |
| 918 | GTTCAACGAG | GATCAGAACG | AGCCGCAAGG | GATTGAGAAT | 957 |
| 958 | AACTTGGGC | TGTTTACCC | TAACGAACAG | CCTGTCTATT | 997 |
| 998 | CGATCAGCTT | CACT <u>TGAG</u> AA | ATTTGATCAG | ATGAAATATA | 1037 |
| 1038 | <u>AATAAAAGGT</u> | CTTATATTGT | AAGGCAAAGC | TCGTAATTGA | 1077 |
| 1078 | <u>TAGCCATCTA</u> | GTAATATAGC | TCCGGCTAAT | TAAAACATA | 1117 |
| 1118 | AAATA | | | | 1122 |

Fig. 4. The nucleotide sequence of the full-length cDNA of *LPGlu1*.

1 MAAQHIIISMA AMASLLVVLS AIPRGVESIG VCNGMDGDNL PQPADVVNLY
51 KSNNIAGMRL YSPDQATLQA LQGSNIYLIL DVPNSDLQNI ASDQSAATNW
101 VQTNVQAYPN VAFRYIAVGN EVIPGGQAQY VLPAMNNIQS ALSSAGLQNI
151 KVSTSVSFGV VGTSYPPSAG SFSSDASSTL GPIIQFLASN GSPLLANIYP
201 YLSYAGNSGS IDLSYALFTA SGTVVQDGSY AYNNLFDAMV DALYSALESA
251 GGPNVPVVVS ESGWPSAGGT AATVSNAQTY NSNLINHVGQ GTPKRPGAI
301 TYIFAMFNED QKQPQGIENN FGLFYPNEQP VYSISFT

Fig. 5. The putative amino acid sequence of LPGlu1.